

The diagram illustrates a navigation system 100. It features an antenna 1a connected to a GPS processing section 1. An image pickup section 2 is connected to a control section 3. The control section 3 is also connected to a display section 7, a DRAM 5, and a flash memory 6. A display lamp 8 is connected to the control section 3. The control section 3 is also connected to a GPS processing section 1. The control section 3 is also connected to a display section 7. The control section 3 is also connected to a DRAM 5. The control section 3 is also connected to a flash memory 6. The control section 3 is also connected to a display lamp 8.

FIG.1

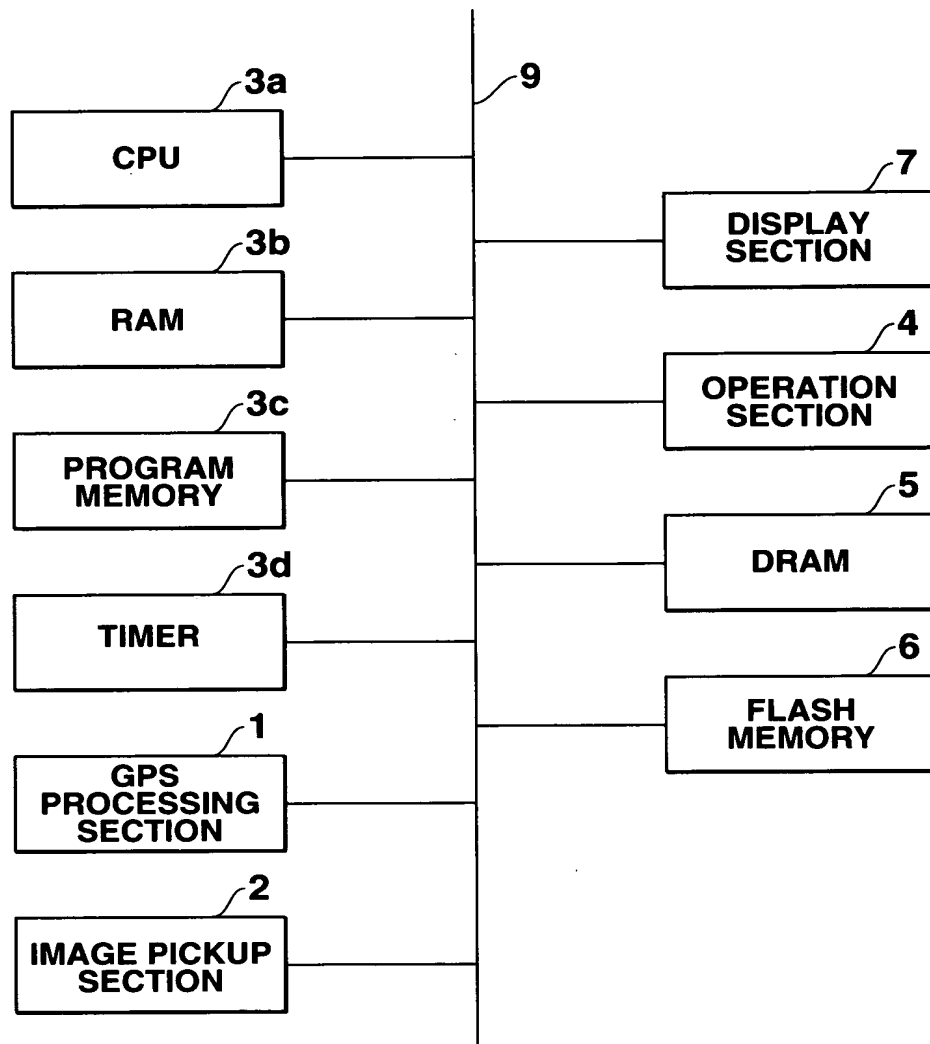


FIG.2

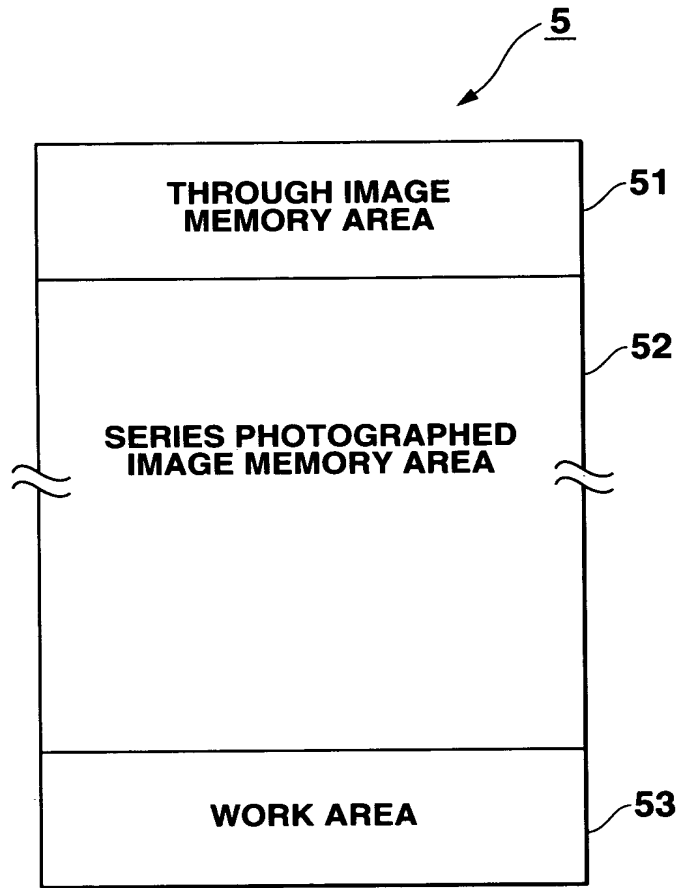


FIG.3

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graph TD
    Start([PHOTOGRAPHING MODE]) --> A1[IMAGE FETCHING AND THROUGH-DISPLAY]
    A1 --> A3{SHUTTER HALF DEPRESSED ?}
    A3 -- NO --> A1
    A3 -- YES --> A5[LOCK FULL DEPRESSION OF SHUTTER]
    A5 --> A7[GPS POSITIONING PROCESS]
    A7 --> A9{GPS POSITIONING COMPLETED ?}
    A9 -- NO --> A7
    A9 -- YES --> A11[UNLOCK FULL DEPRESSION OF SHUTTER]
    A11 --> A13{SHUTTER FULLY DEPRESSED ?}
    A13 -- NO --> A13
    A13 -- YES --> A15[IMAGE STORING PROCESS]
    A15 --> End([END])
  
```

FIG.4

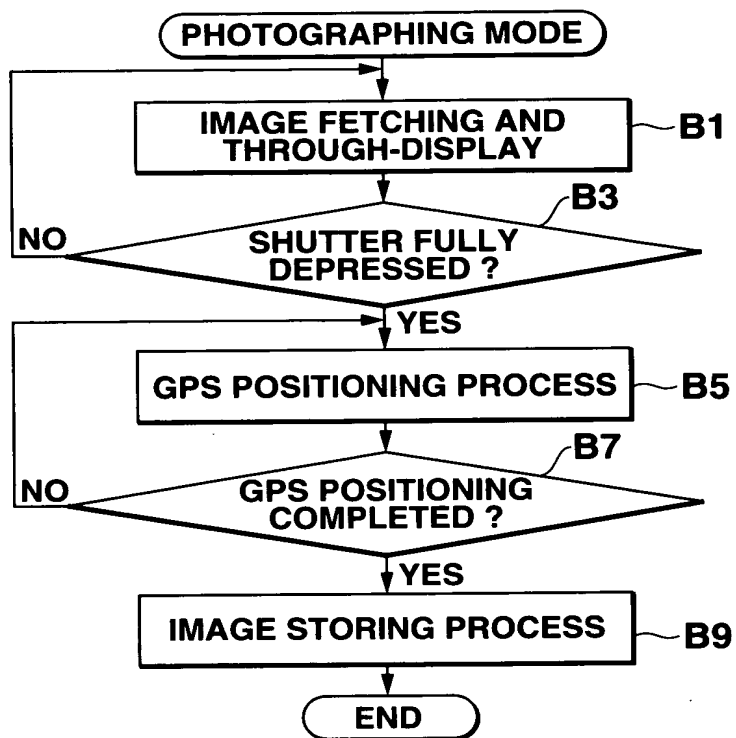


FIG.5

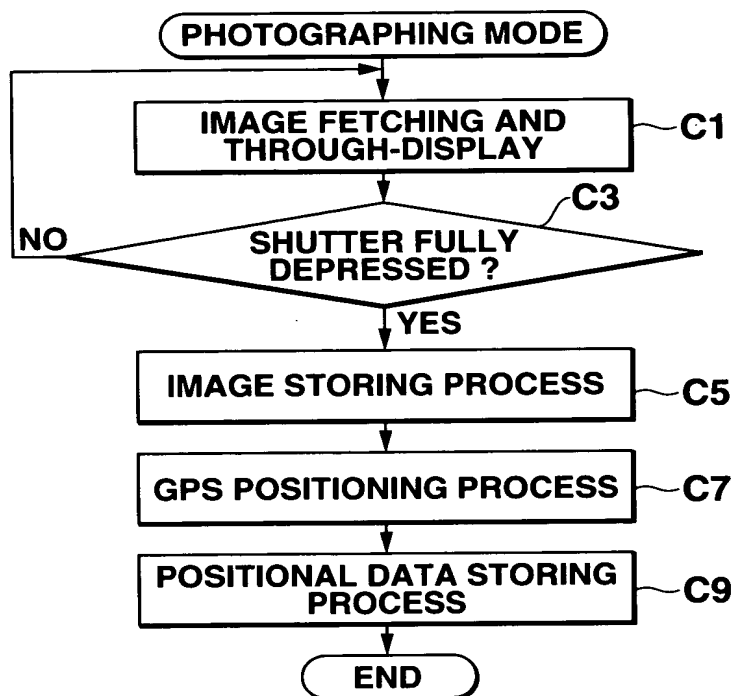


FIG.6

● ●

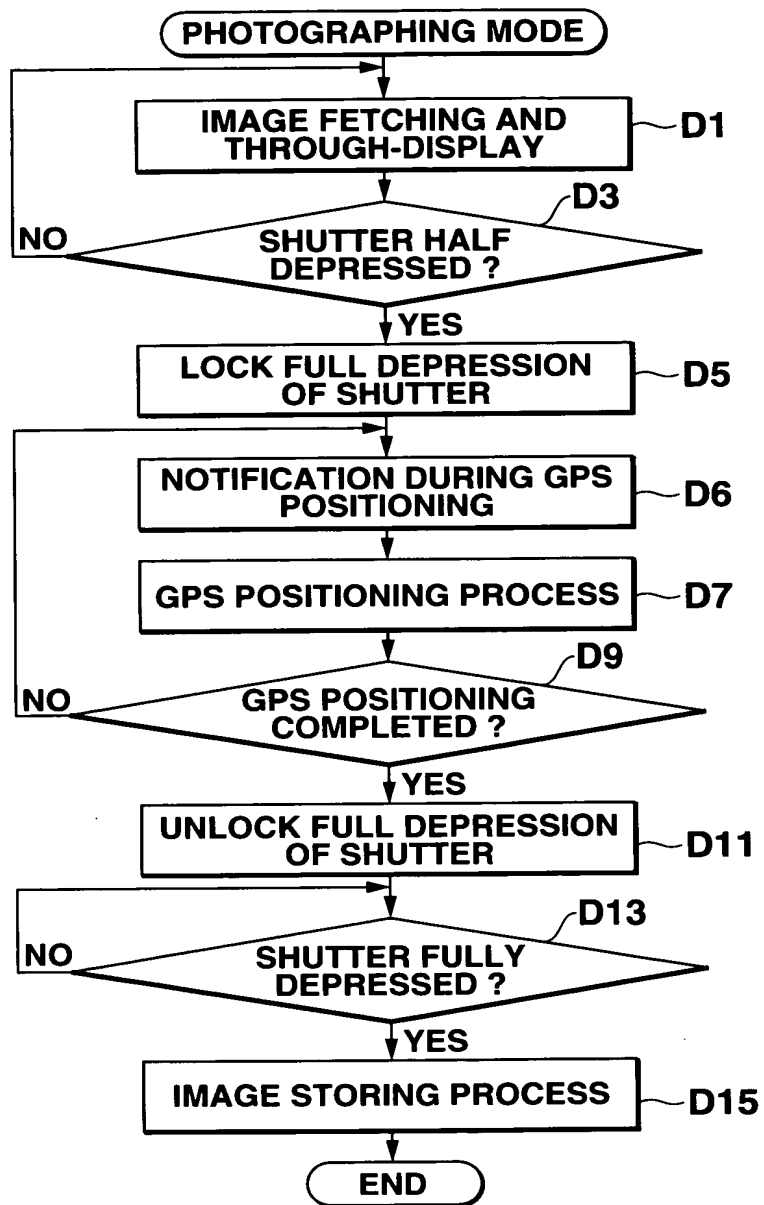


FIG.7

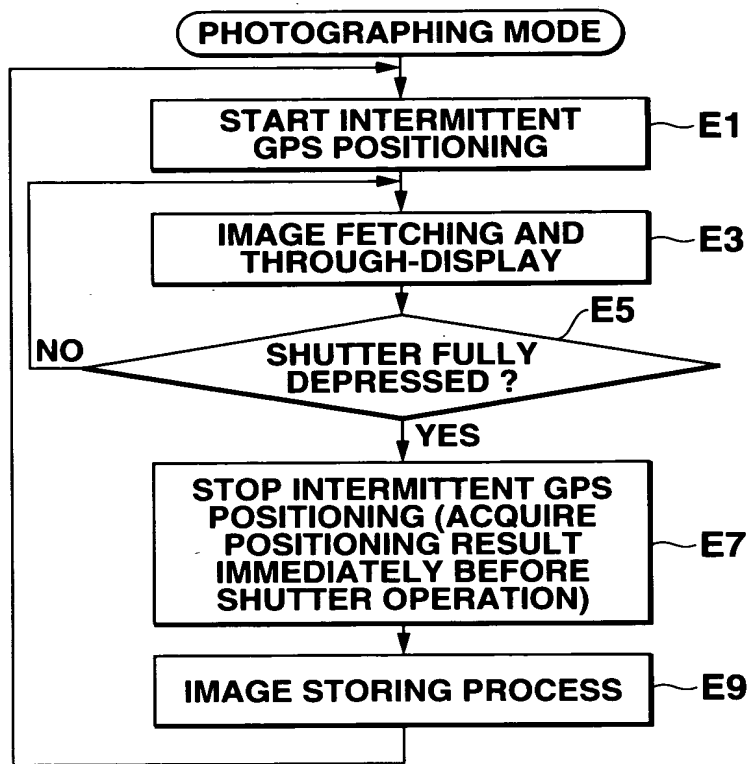


FIG.8

● ●

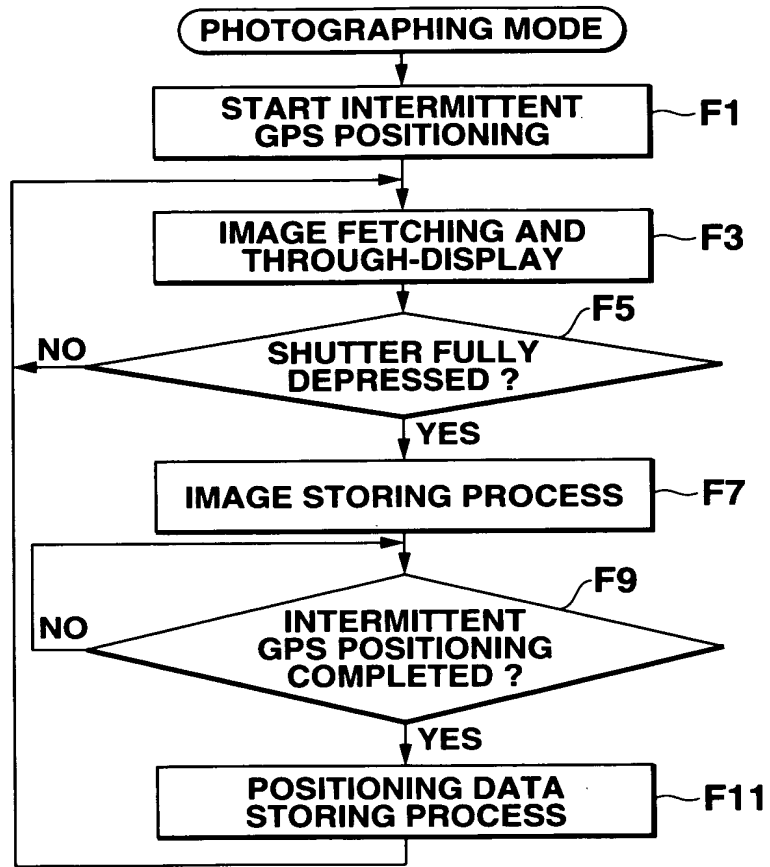


FIG.9

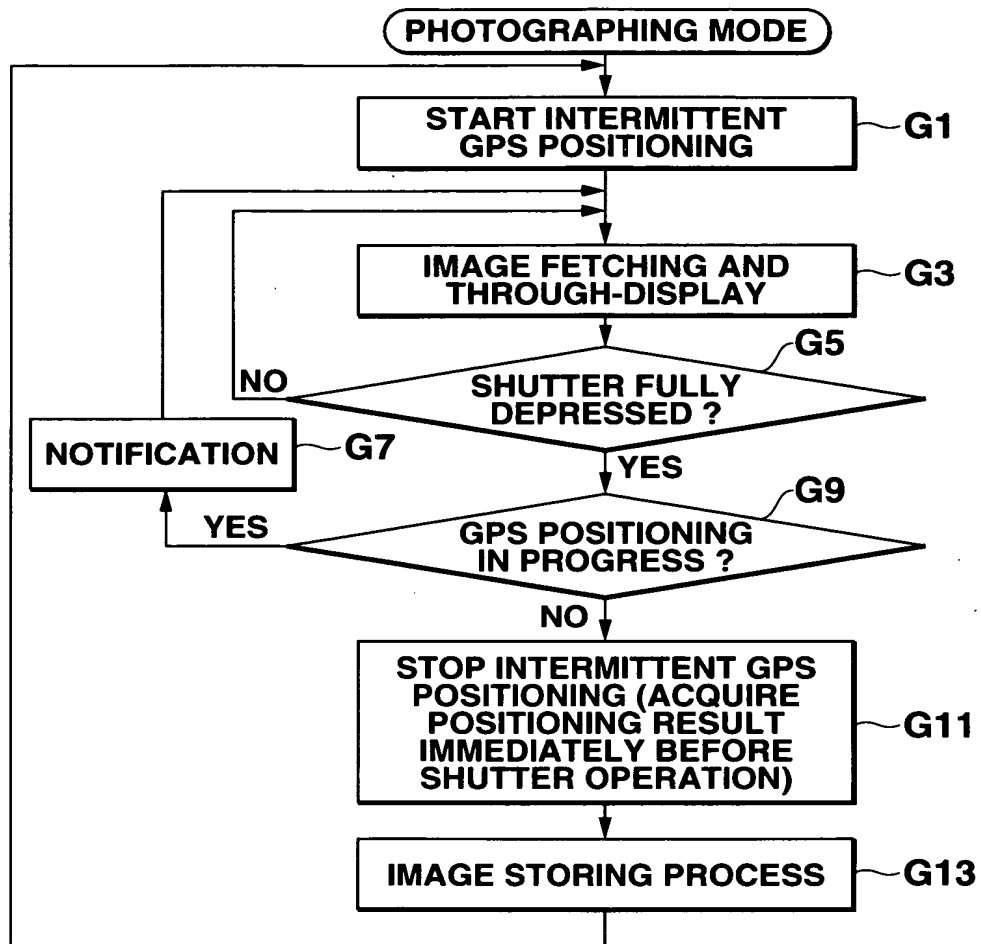


FIG.10

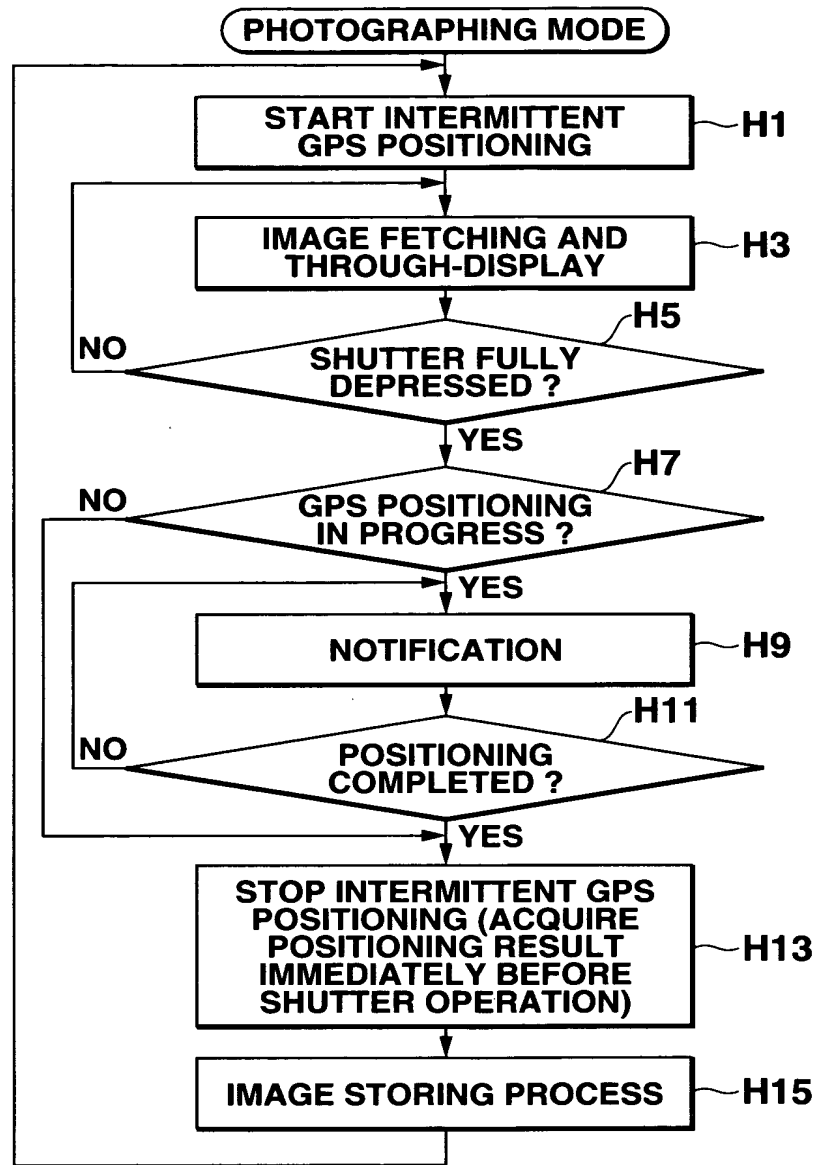


FIG.11

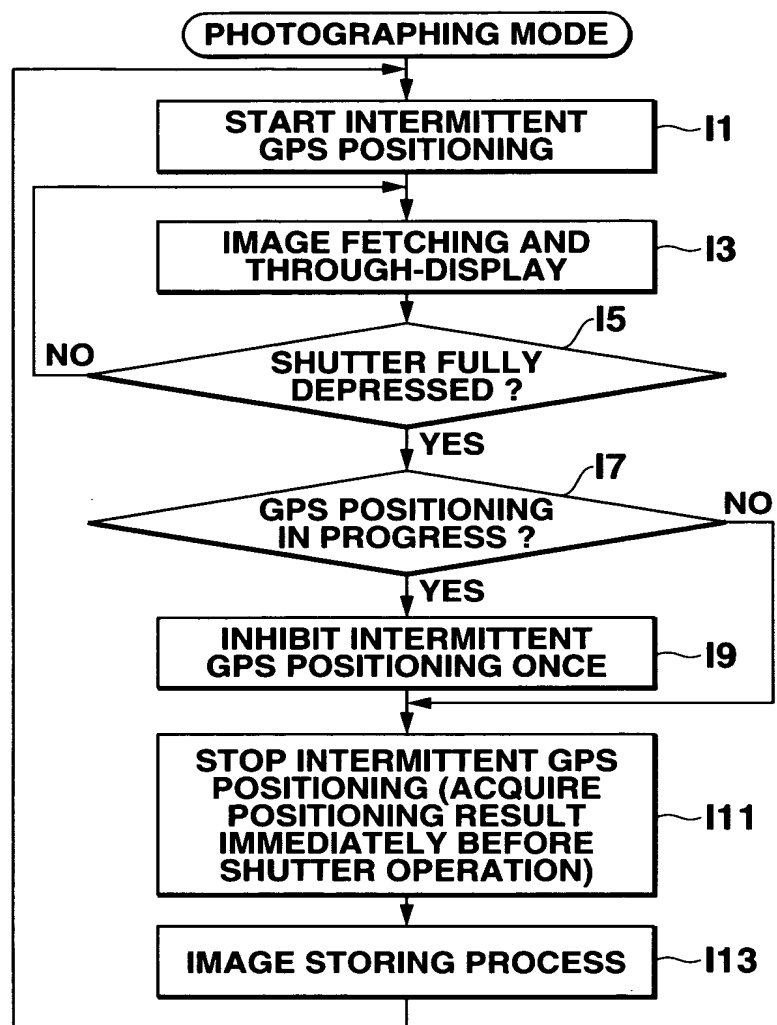


FIG.12

000260 0629360

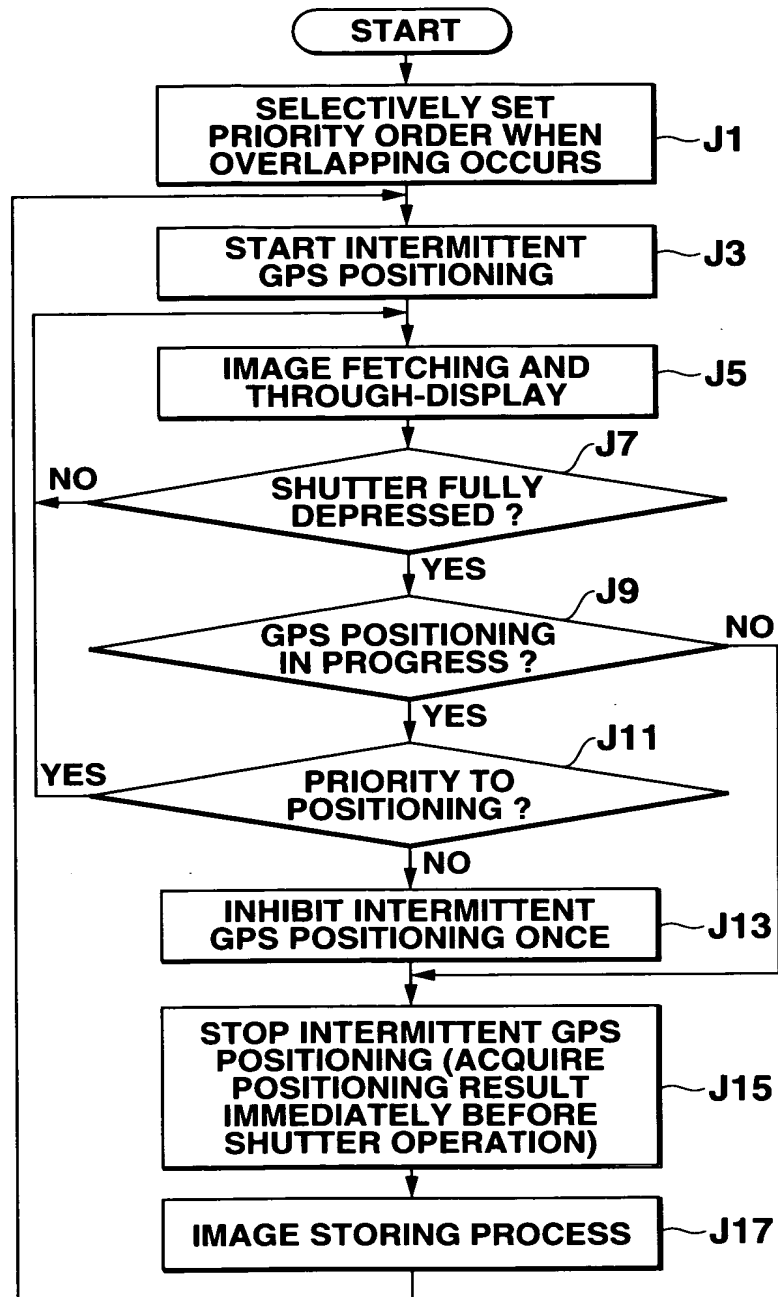


FIG.13

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graph TD
    START([START]) --> K1{POWER ON ?}
    K1 -- NO --> K1
    K1 -- YES --> K3[GPS POSITIONING]
    K3 --> K5[HOLD POSITIONING RESULT]
    K5 --> K7{PHOTOGRAPHING MODE ?}
    K7 -- NO --> OTHER[TO OTHER PROCESSES]
    K7 -- YES --> K9[IMAGE FETCHING AND THROUGH-DISPLAY]
    K9 --> K11{SHUTTER OPERATION ?}
    K11 -- NO --> K7
    K11 -- YES --> K13[STORE PHOTOGRAPHED IMAGE IN ASSOCIATION WITH POSITIONING INFORMATION]
    K13 --> K15{END OF PHOTOGRAPHING MODE ?}
    K15 -- NO --> K7
    K15 -- YES --> K17{POWER SWITCH OFF ?}
    K17 -- NO --> K7
    K17 -- YES --> K19[POWER OFF]
    K19 --> END([END])
  
```

FIG.14

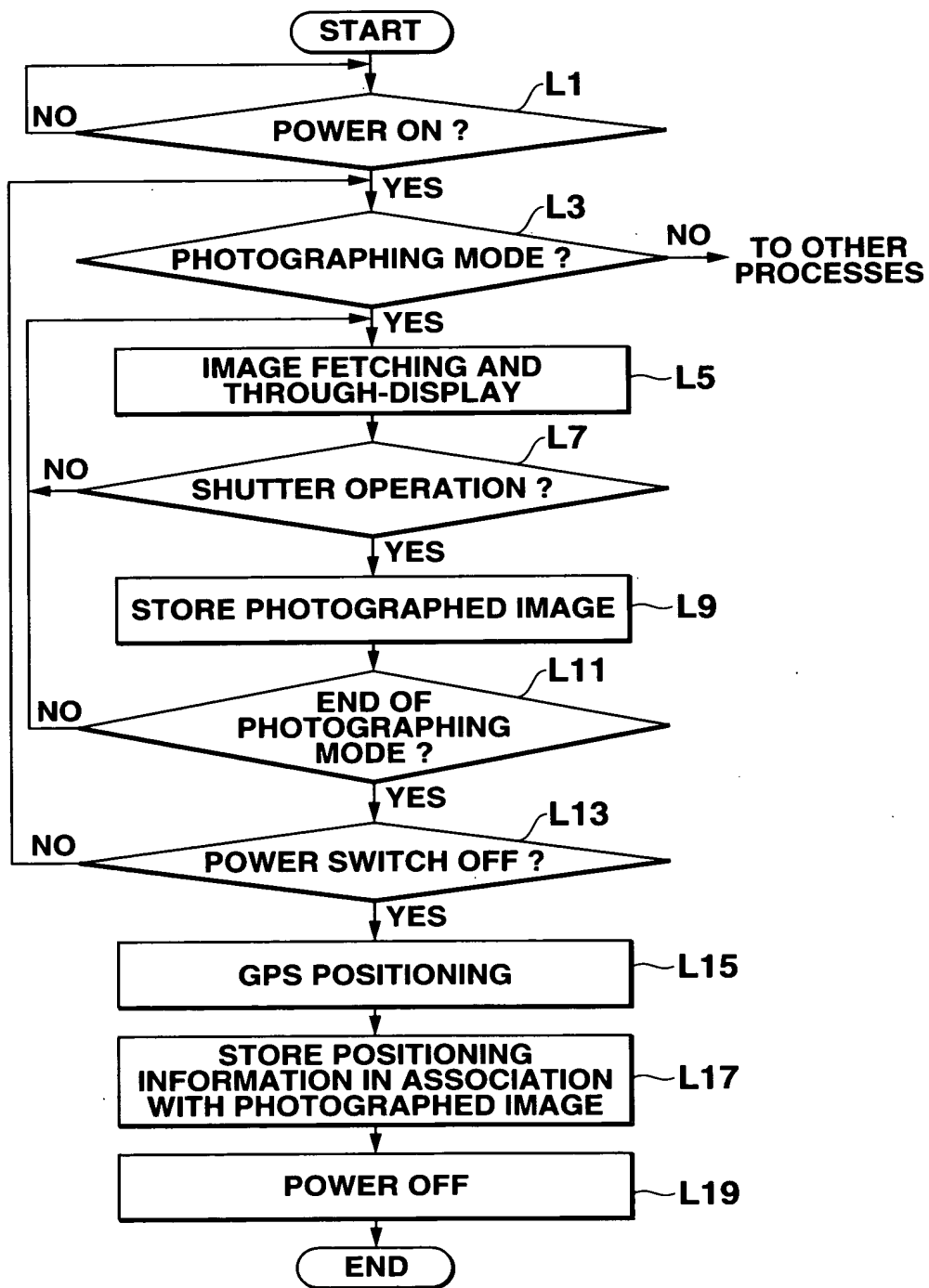


FIG.15

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graph TD
    START([START]) --> M1{PHOTOGRAPHING MODE ON?}
    M1 -- NO --> OUT[TO OTHER PROCESSES]
    M1 -- YES --> M3[GPS POSITIONING]
    M3 --> M5[HOLD POSITIONING RESULT]
    M5 --> M7[IMAGE FETCHING AND THROUGH-DISPLAY]
    M7 --> M9{SHUTTER OPERATION?}
    M9 -- NO --> M7
    M9 -- YES --> M11[STORE PHOTOGRAPHED IMAGE IN ASSOCIATION WITH POSITIONING INFORMATION]
    M11 --> M13{PHOTOGRAPHING MODE OFF?}
    M13 -- YES --> END([END])
    M13 -- NO --> M7
  
```

FIG.16


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graph TD
    START([START]) --> N1{PHOTOGRAPHING MODE ON ?}
    N1 -- NO --> OTHER[TO OTHER PROCESSES]
    N1 -- YES --> N3[IMAGE FETCHING AND THROUGH-DISPLAY]
    N3 --> N5{SHUTTER OPERATION ?}
    N5 -- NO --> N1
    N5 -- YES --> N7[STORE PHOTOGRAPHED IMAGE]
    N7 --> N9{PHOTOGRAPHING MODE OFF ?}
    N9 -- YES --> N11[GPS POSITIONING]
    N11 --> N13[STORE POSITIONING INFORMATION IN ASSOCIATION WITH PHOTOGRAPHED IMAGE]
    N13 --> END([END])
    N9 -- NO --> N5
  
```

FIG.17

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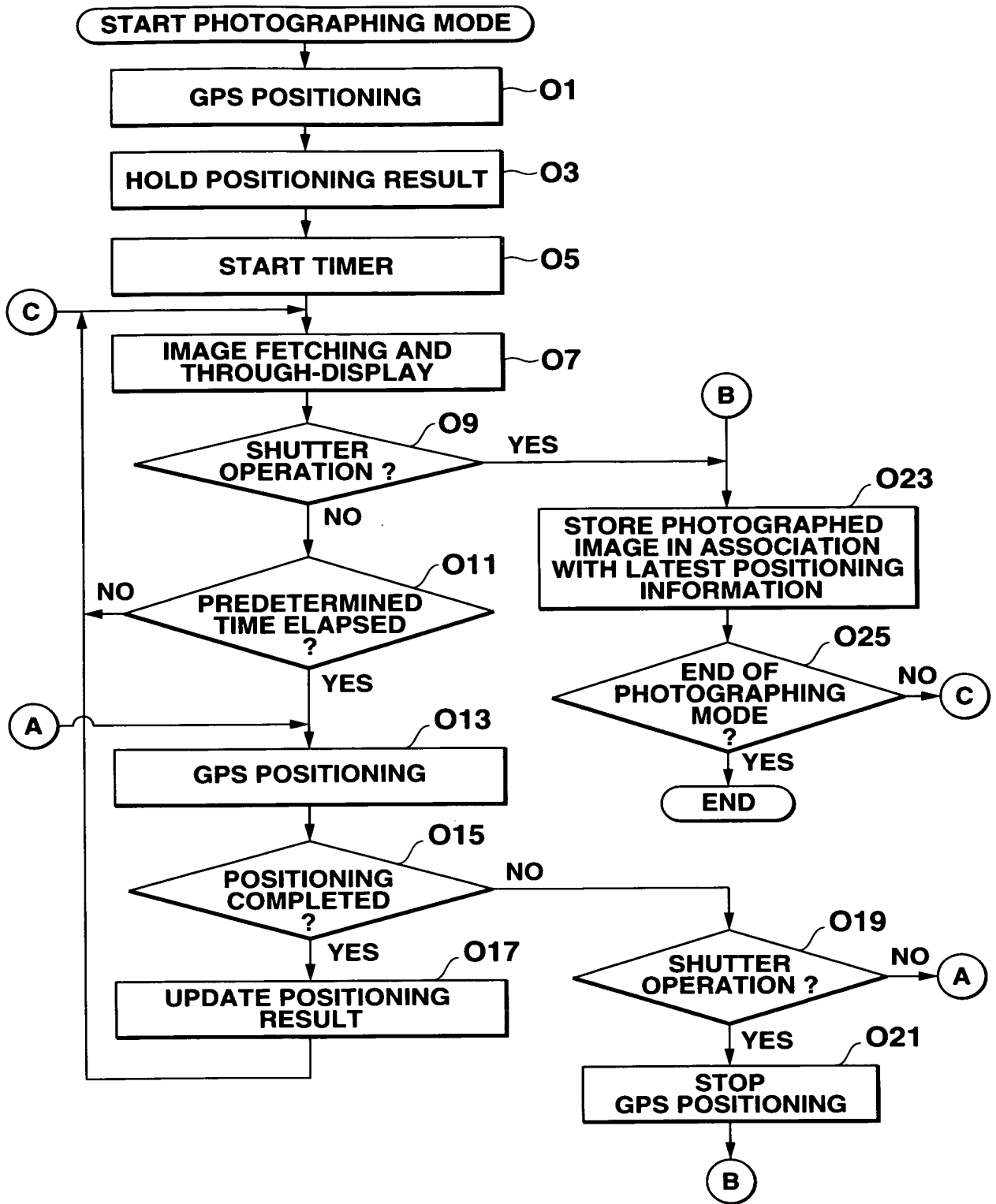


FIG.18

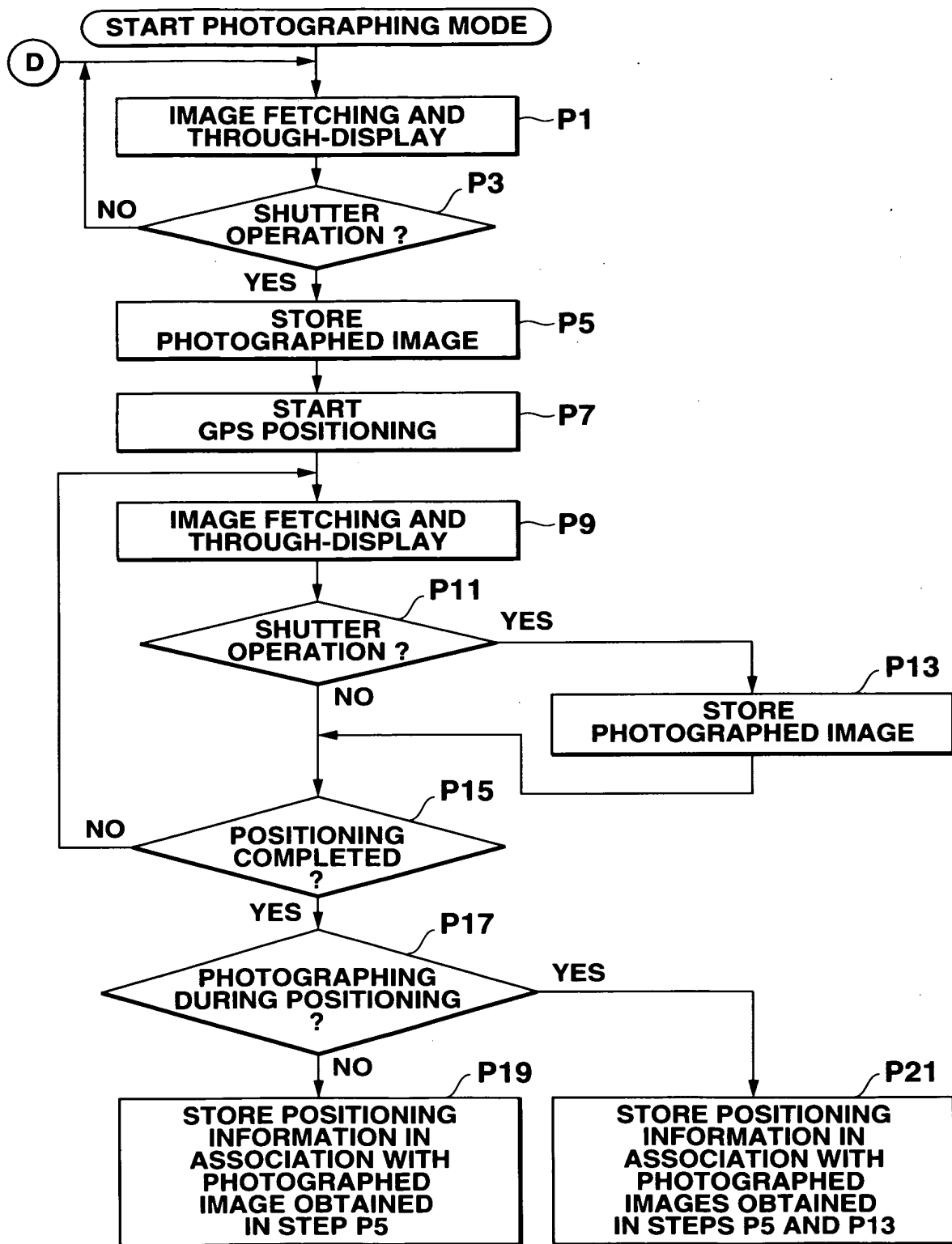


FIG.19

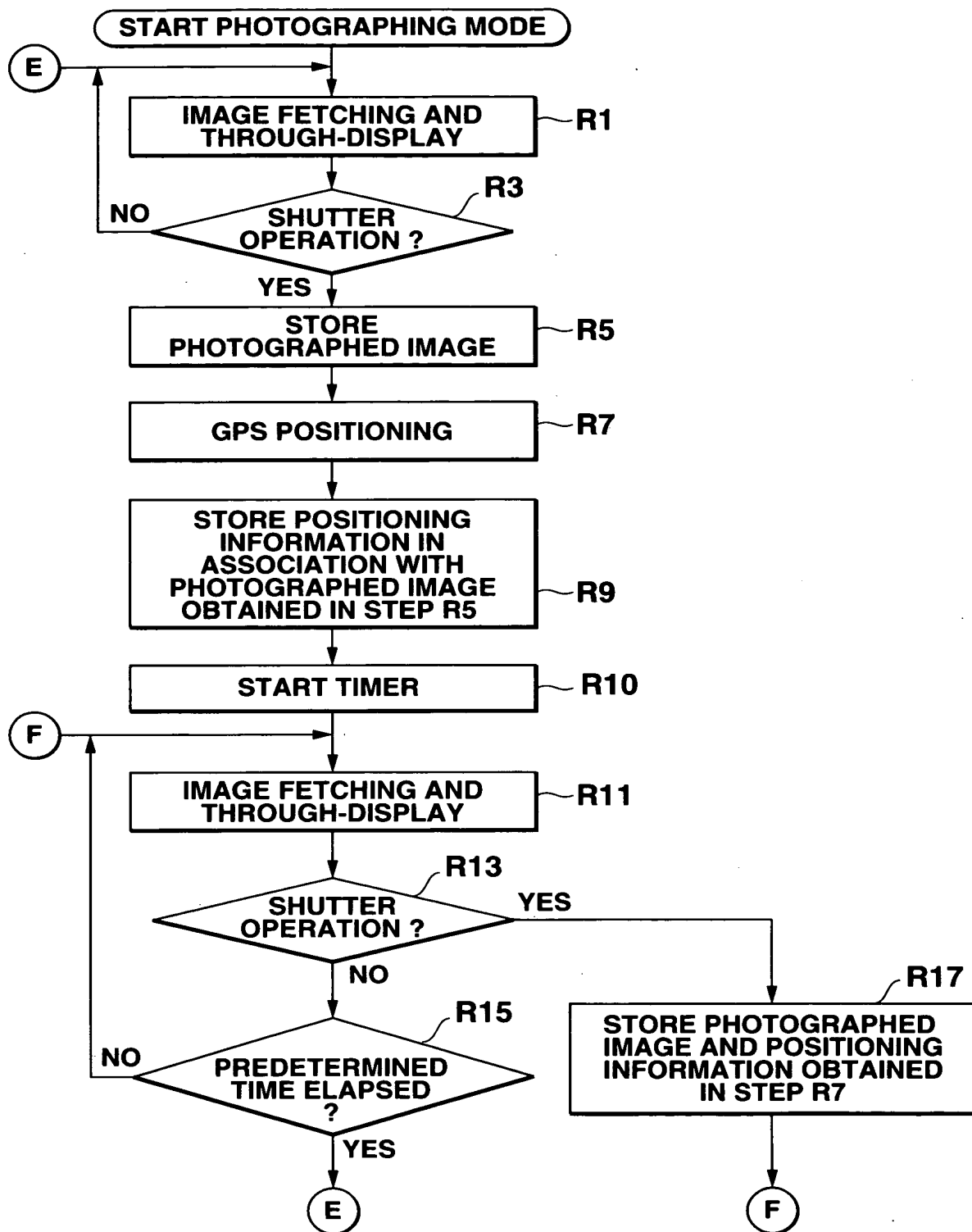
[illegible]

FIG.21

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graph TD
    START([START]) --> S1{SERIES PHOTOGRAPHING MODE ?}
    S1 -- NO --> OTHER[TO OTHER PHOTOGRAPHING MODE]
    S1 -- YES --> S3[GPS POSITIONING]
    S3 --> S5[HOLD POSITIONING RESULT]
    S5 --> S7[IMAGE FETCHING AND THROUGH-DISPLAY]
    S7 --> S9{SHUTTER BUTTON FULLY DEPRESSED ?}
    S9 -- NO --> S7
    S9 -- YES --> S11[STORE IMAGE IN DRAM AT PREDETERMINED TIME INTERVAL]
    S11 --> S13[IMAGE FETCHING AND THROUGH-DISPLAY]
    S13 --> S15{PREDETERMINED NUMBER OF IMAGES STORED ?}
    S15 -- NO --> S11
    S15 -- YES --> S17[SEQUENTIALLY FETCH IMAGES STORED IN DRAM IN STEP S11 AND STORE POSITIONING RESULT OBTAINED IN STEP S3 IN ASSOCIATION WITH THE IMAGES]
    S17 --> END([END])
  
```

FIG.22

```

graph TD
    START([START]) --> T1{T1  
SERIES PHOTOGRAPHING MODE  
?}
    T1 -- NO --> OTHER[TO OTHER PHOTOGRAPHING MODE]
    T1 -- YES --> T3[T3  
IMAGE FETCHING AND  
THROUGH-DISPLAY]
    T3 --> T5{T5  
SHUTTER  
BUTTON FULLY DEPRESSED  
?}
    T5 -- NO --> T3
    T5 -- YES --> T7[T7  
GPS POSITIONING]
    T7 --> T9[T9  
HOLD POSITIONING RESULT]
    T9 --> T11[T11  
STORE IMAGE IN DRAM AT  
PREDETERMINED TIME INTERVAL]
    T11 --> T13[T13  
IMAGE FETCHING AND  
THROUGH-DISPLAY]
    T13 --> T15{T15  
PREDETERMINED  
NUMBER OF IMAGES  
STORED ?}
    T15 -- NO --> T11
    T15 -- YES --> T17[T17  
SEQUENTIALLY FETCH IMAGES  
STORED IN DRAM IN STEP T11 AND  
STORE POSITIONING RESULT  
OBTAINED IN STEP T7 IN  
ASSOCIATION WITH THE IMAGES]
    T17 --> END([END])
  
```

FIG.23

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graph TD
    START([START]) --> U1{SERIES PHOTOGRAPHING MODE ?}
    U1 -- NO --> OTHER[TO OTHER PHOTOGRAPHING MODE]
    U1 -- YES --> U3[IMAGE FETCHING AND THROUGH-DISPLAY]
    U3 --> U5{SHUTTER BUTTON FULLY DEPRESSED ?}
    U5 -- NO --> U3
    U5 -- YES --> U7[STORE IMAGE IN DRAM AT PREDETERMINED TIME INTERVAL]
    U7 --> U8[IMAGE FETCHING AND THROUGH-DISPLAY]
    U8 --> U9{PREDETERMINED NUMBER OF IMAGES STORED ?}
    U9 -- NO --> U7
    U9 -- YES --> U11[GPS POSITIONING]
    U11 --> U13[SEQUENTIALLY FETCH IMAGES STORED IN DRAM IN STEP U7 AND STORE POSITIONING RESULT OBTAINED IN STEP U11 IN ASSOCIATION WITH THE IMAGES]
    U13 --> END([END])
  
```

FIG.24

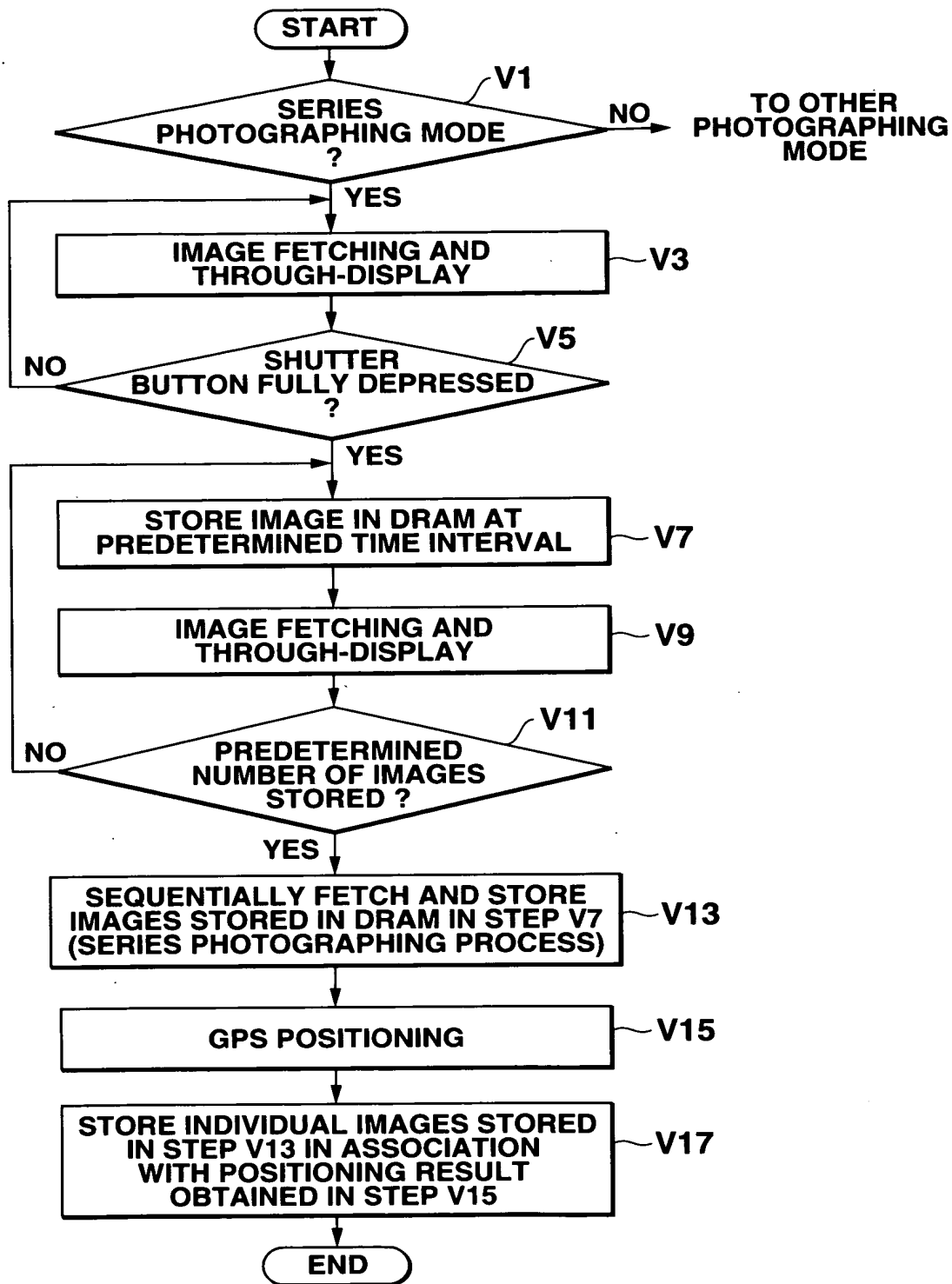


FIG.25

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graph TD
    START([START]) --> W1{SERIES PHOTOGRAPHING MODE?}
    W1 -- NO --> OTHER[TO OTHER PHOTOGRAPHING MODE]
    W1 -- YES --> W3[IMAGE FETCHING AND THROUGH-DISPLAY]
    W3 --> W5{SHUTTER BUTTON FULLY DEPRESSED?}
    W5 -- NO --> W3
    W5 -- YES --> W7[STORE FETCHED IMAGE IN DRAM]
    W7 --> W9{PREDETERMINED NUMBER OF IMAGES STORED?}
    W9 -- NO --> W7
    W9 -- YES --> W11{POSITIONING COMPLETED?}
    W11 -- NO --> W15[GPS POSITIONING]
    W11 -- YES --> W13[SEQUENTIALLY FETCH IMAGES STORED IN DRAM IN STEP W7 AND STORE POSITIONING RESULT OBTAINED IN STEP W15 IN ASSOCIATION WITH THE IMAGES]
    W15 --> W17[HOLD POSITIONING RESULT]
    W17 --> W13
    W13 --> END([END])
  
```

FIG.26

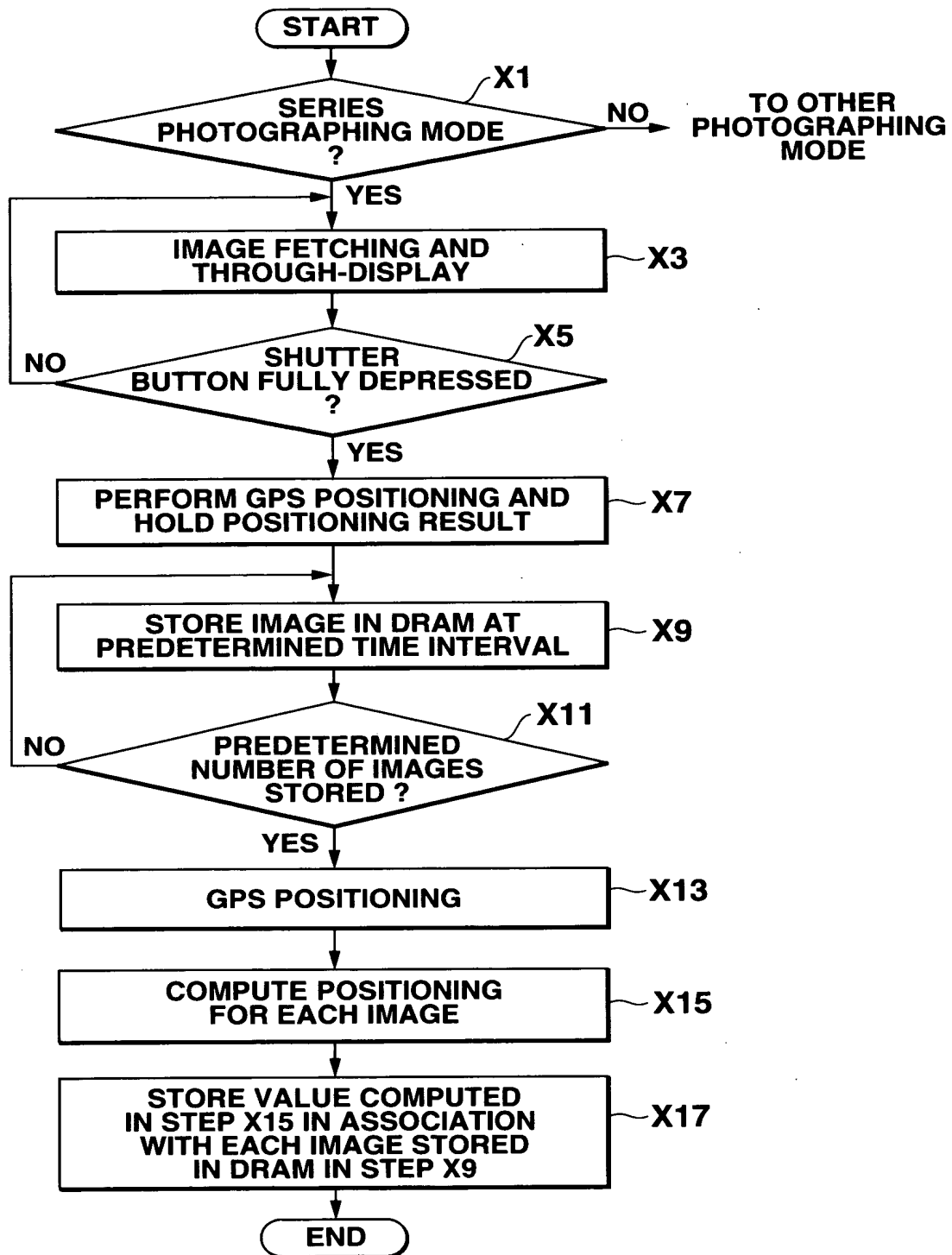


FIG.27